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A/W #5

THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 93,509)

PATENT

In the Application of:

	Amara and Arriza)
Serial No.	08/140,729)
Filed:	October 20, 1993)
For:	AMINO ACID TRANSPORTERS AND USES)


**RESPONSE TO NOTICE TO COMPLY WITH NUCLEOTIDE SEQUENCE
AND/OR AMINO ACID SEQUENCE DISCLOSURE REQUIREMENTS**

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Responsive to the Notice mailed November 30, 1993, enclosed please find a 5 1/4" diskette containing a sequence file pursuant to 37 C.F.R. § 1.821. The "Sequence Listing" comprising file 93509.seq on this diskette is accompanied by a copy of substitute page 33 of the specification, added by the accompanying Preliminary Amendment and corresponding to the first page of the "Sequence Listing" on the diskette submitted in computer readable form. The below-signed attorney hereby attests to the fact that the computer readable "Sequence Listing" comprising the file on the aforementioned diskette, is the same as the paper "Sequence Listing" as originally filed pursuant to 37 C.F.R. § 1.821(f), and that the replacement page contains added information relating to the filing date and serial number of the instant application, and does not add any new matter to the specification.

Respectfully submitted,
ALLEGRETTI & WITCOFF, LTD.

By 
Kevin E. Noonan, Ph.D.
Reg. No. 35,303

Date: December 14, 1993